FARAH RIHANE

Junior Software Engineer

farahr2001@gmail.com | +216 20 908 503 | Ben Arous, Tunisia | linkedin.com/in/farah-rihane
github.com/FarahR01

PROFESSIONAL SUMMARY

Recent Computer Science graduate, motivated and detail-oriented, seeking an entry-level Full Stack Development role to contribute to software design, development, and testing, while improving development processes through CI/CD practices..

PROFESSIONAL EXPERIENCE

PFE – DevOps Intern *Feb 2025 - Jun 2025 – Ben Arous*
Poulina Group Holding

- Built intern management platform with NestJS, PostgreSQL, Angular featuring secure role-based access [Demo]
- Designed and automated CI/CD pipeline using Jenkins, SonarQube, Snyk, Bitbucket, Nexus, Docker
- Deployed on Kubernetes, automated provisioning with Ansible, implemented monitoring with Prometheus/Grafana

Backend & API Development Intern *Jul 2024 - Sep 2024 – Remote*
Smart Galaxy

- Developed key APIs for authentication, profiles, video-calling, pricing, scheduling using ExpressJS and MongoDB
- Collaborated with frontend and mobile teams through agile workflows

Full Stack Development & SEO Intern *May 2024 - Jun 2024 – Tunis*
Digital Natives

- Improved website's search ranking using HubSpot and developed automated sitemaps with Python
- Implemented three-layer authentication using ExpressJS with RESTful APIs and SQL database

EDUCATION

2022 – 2025 Engineering Degree in Computer Science –
Tek-Up University, Ariana, Tunisia

- Graduated with **High Honors** (16.05/20)

2020 – 2022 Preparatory Cycle in Physics-Chemistry –
IPEIT, Tunis, Tunisia

- Admitted through competitive exam

2016 – 2020 High School Diploma, Experimental Science –
Borj Cedria High School, Ben Arous, Tunisia

- Admitted with **Honors** (15.18/20)

KEY PROJECTS

EaseSoul – AI-Powered Psychological Support Platform

- Co-developed 24/7 platform connecting patients with psychologists for online therapy sessions
- Built core modules including chat, video calls, calendar, booking, payment using **Angular**, **Spring Boot**, **PostgreSQL**
- Designed intelligent chatbot powered by **LLMs** and **scikit-learn** to track mood and guide progress

Emploizy – Job Portal Application

- Developed full-stack **MERN** job portal with multi-role authentication and advanced search
- Built dynamic UI with **ReactJS** and real-time updates using **Socket.IO**
- Designed RESTful APIs with **Swagger** documentation and robust error handling

Meeting Room Reservation Platform

- Co-developed reservation platform in team of two using **Node.js** and **EJS Templates**
- Implemented core modules for calendar logic, reservations, profiles, and admin dashboard

SKILLS

Soft Skills:
Lifelong Learning | Curiosity | Attention to Detail | Time Management

Frameworks & Libraries:
NestJS | ExpressJS | Spring Boot | Angular | ReactJS

Databases:
MySQL | PostgreSQL | MongoDB

DevOps & Tools:
Linux | Jenkins | Docker | Kubernetes | Ansible | Git | SonarQube | Prometheus | Grafana

Programming Languages:
JavaScript | TypeScript | Python | Java | PHP

LANGUAGES

- **Arabic (Native)** ●●●●●
- **French (Bilingual)** ●●●●●
- **English (Professional)** ●●●●○
- **Italian (Beginner)** ●●○○○
- **German (Basic)** ●○○○○

TRAINING

Red Hat System Administrator (RHCSA) Juin-2023
Tek-UP Summer Training

Red Hat Certified Engineer (RHCE) July-2023
Tek-UP Summer Training

NestJS Online Training Jan-2025
Duration: 2 Months

CLUBS & ACTIVITIES

Tek-Up IEEE – Member
2024-2025

Tek-Up ACM – Member
2025

Career Day Organizer – Tek-Up University
Coordinated event connecting students with industry professionals

Digital Future: 5th Edition
German Academic Congress | Contributed to AI integration discussions

CERTIFICATIONS

English Language (C1) – IBLV

Google Analytics – Google